

HISTORIC AMERICAN ENGINEERING RECORD
INDEX TO PHOTOGRAPHS

HAER
MASS
13-BOST,
82-

New York, New Haven & Hartford Railroad,
Fort Point Channel Rolling Lift Bridge
(Scherzer Rolling Lift Bridge)
Spanning Fort Point Channel
Boston
Suffolk County
Massachusetts

MA-35

Jack Boucher, photographer, April 1977

MA-35-1 AERIAL VIEW OF FORT POINT CHANNEL AND SCHERZER'S ROLLING LIFT
BRIDGE.

MA-35-2 AERIAL VIEW OF ROLLING LIFT BRIDGE. DORCHESTER AVENUE IN
BACKGROUND. SOUTH STATION VISIBLE AT TOP LEFT.

Jet Lowe, photographer, 1982

MA-35-3 GENERAL VIEW LOOKING WEST, SHOWING LIFT BRIDGE. COUNTER WEIGHTS
ARE LARGE SQUARES VISIBLE ABOVE BRIDGE.

MA-35-4 GENERAL VIEW LOOKING NORTHEAST. SOUTH STATION VISIBLE IN
BACKGROUND.

MA-35-5 GENERAL VIEW LOOKING NORTHEAST ACROSS BRIDGE.

MA-35-6 VIEW SHOWING LIFT BRIDGE COUNTER WEIGHTS.

MA-35-7 VIEW LOOKING SOUTHWEST ACROSS BRIDGE.

MA-35-8 DETAIL VIEW SHOWING COUNTER WEIGHT ON BRIDGE.

HISTORIC AMERICAN ENGINEERING RECORD
INDEX TO PHOTOGRAPHS

HAER
MASS
13-BOST,
82-

ADDENDUM TO
NEW YORK, NEW HAVEN & HARTFORD RAILROAD
FORT POINT CHANNEL ROLLING LIFT BRIDGE
(Scherzer Rolling Lift Bridge)
Spanning Fort Point Channel
Boston
Suffolk County
Massachusetts

HAER No. MA-35
(Page 2)

Photographs MA-35-1 to MA-35-2 were previously submitted to the Library of Congress in April 1977; photographs MA-35-3 to MA-35-8 were previously submitted to the Library of Congress in 1982.

Photographer: Martin Stupich

April-September 1992

- MA-35-9 Aerial view of general setting of the Scherzer Rolling Lift Bridge.
- MA-35-10 Aerial view of Scherzer Rolling Lift Bridge.
- MA-35-11 General view showing fixed span.
VIEW EAST
- MA-35-12 General view of moveable span.
VIEW EAST
- MA-35-13 Detail of rolling segment with counter weights.
VIEW SOUTHEAST
- MA-35-14 Detail showing connection of trusses to counter weights.
VIEW NORTHEAST
- MA-35-15 General view of north portals showing three abandoned roadbeds.
VIEW SOUTH
- MA-35-16 General view of moveable spans from Dorchester Avenue Bridge.
VIEW WEST
- MA-35-17 Detail of moveable span over navigation channel of Fort Point Channel showing
fender remanent.
VIEW WEST

INDEX TO PHOTOGRAPHS
NEW YORK, NEW HAVEN & HARTFORD RAILROAD
FORT POINT CHANNEL ROLLING LIFT BRIDGE
HAER No. MA-35 (Page 3)

- MA-35-18 Detail east panel of east truss showing rolling panels and counter weights.
VIEW SOUTH
- MA-35-19 Detail of east rolling segment showing track girder, rolling panels and counter weights.
VIEW WEST
- MA-35-20 Detail of east truss showing post trusses.
VIEW NORTHWEST
- MA-35-21 Detail of track girder, south portal and granite piers at low tide.
VIEW NORTHWEST
- MA-35-22 General view of in-use track girder.
VIEW SOUTHWEST
- MA-35-23 Remnants of track girder of east roadbed showing detail of granite piers at low tide.
VIEW NORTH
- MA-35-24 Detail showing east end of granite piers supporting track girders.
VIEW NORTH
- MA-35-25 Detail of south granite pier showing iron connecting staples.
VIEW NORTH
- MA-35-26 Detail of south granite pier revealing riveted truss ends and iron footing plates on top of granite cap stones.
VIEW NORTH
- MA-35-27 General view of north segment of operating span showing operating mechanism mounted on top of truss.
VIEW WEST
- MA-35-28 Detail showing (from left to right) end of operating strut, operating machinery and operating truss guide girder.
VIEW WEST

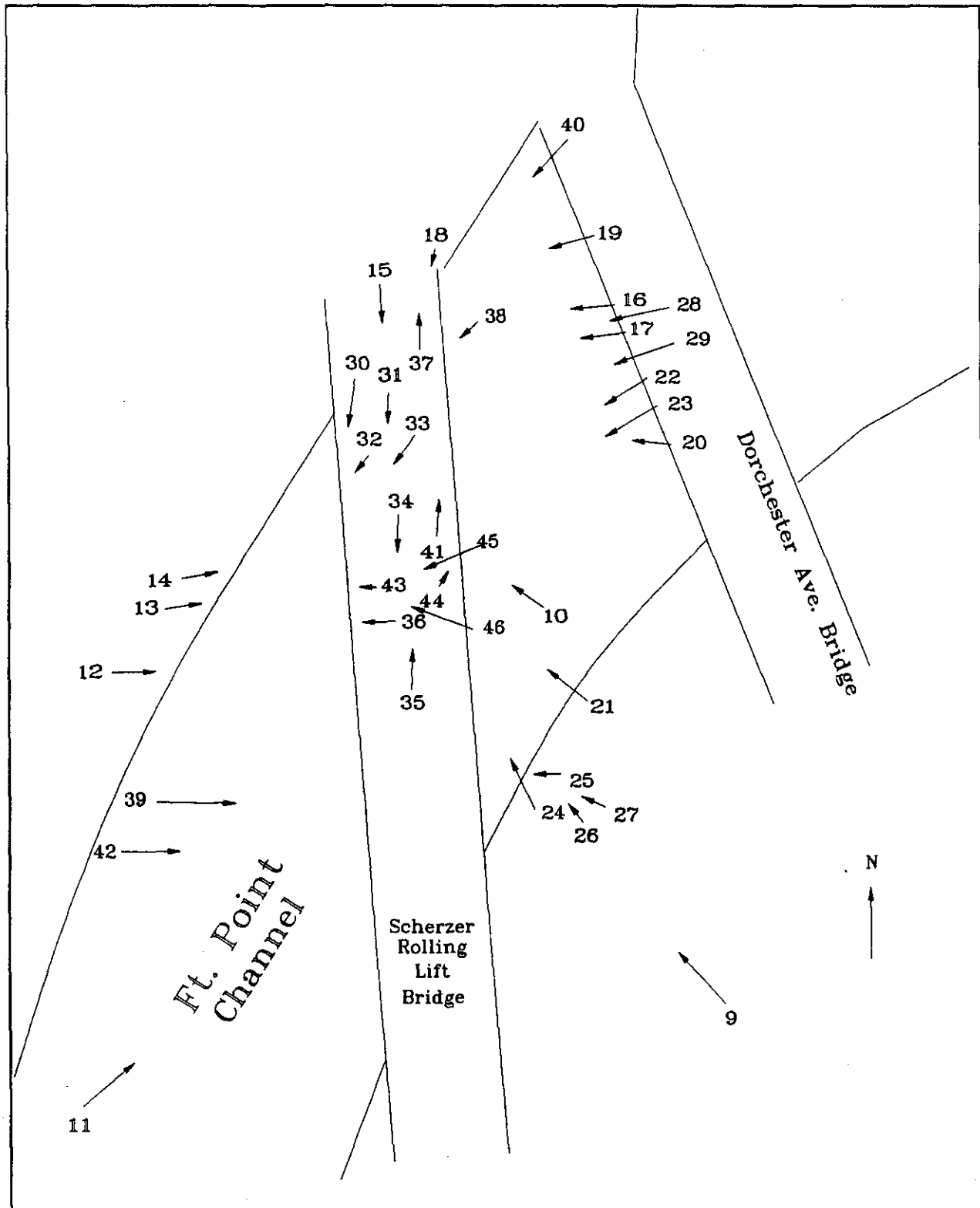
INDEX TO PHOTOGRAPHS
NEW YORK, NEW HAVEN & HARTFORD RAILROAD
FORT POINT CHANNEL ROLLING LIFT BRIDGE
HAER No. MA-35 (Page 4)

- MA-35-29 Detail of girder cross beam and operating girder guide (note grooves worn into guide girder walls) at south portal of west span.
VIEW SOUTHWEST
- MA-35-30 Detail of operating machinery.
- MA-35-31 General view of central span showing entire operating mechanism, counter weights and roadbed.
VIEW SOUTHWEST
- MA-35-32 Detail of operating strut showing cogged underside, counter weight and rolling segment.
VIEW SOUTHWEST
- MA-35-33 Detail from roadbed showing sprocket teeth in rolling segment and typical lateral bracing.
VIEW SOUTH
- MA-35-34 Detail from roadbed showing typical thru spans, post trusses and typical lateral bracing.
VIEW NORTH
- MA-35-35 Detail of central span showing typical post trusses.
VIEW WEST
- MA-35-36 Detail of track girder of inactive east span.
VIEW NORTH
- MA-35-37 Detail of diagonal end post support bracket mounted to east face of track girder, east span.
VIEW SOUTH
- MA-35-38 Detail of west span showing connection of superstructure to granite pier at low tide. Photograph articulates subdeck support members.
VIEW SOUTHEAST
- MA-35-39 Detail of typical pier and track girder connections.
VIEW WEST

INDEX TO PHOTOGRAPHS
NEW YORK, NEW HAVEN & HARTFORD RAILROAD
FORT POINT CHANNEL ROLLING LIFT BRIDGE
HAER No. MA-35 (Page 5)

- MA-35-40 Detail of typical subdeck granite pier showing human-scale arched openings in piers. Note remnants of fender system.
VIEW NORTH
- MA-35-41 Detail of remnants of upstream fender system.
VIEW SOUTH
- MA-35-42 Detail of upstream fender system from subdeck pier cap.
VIEW NORTHWEST
- MA-35-43 Detail of remnant of downstream fender pier system.
VIEW NORTHEAST
- MA-35-44 Detail, brace connector for subdeck riveted support girder.
VIEW WEST
- MA-35-45 Detail of typical positioning guide for moveable span.
VIEW SOUTH
- MA-35-46 "The Six Track Scherzer Rolling Lift Bridge. . . Two Double-Track Spans Closed. One Double-Track Span Open." Photocopy of Plate xvi in Scherzer Rolling Lift Bridge Company, Scherzer Rolling Lift Bridges. [Privately printed] Chicago, Illinois: Scherzer Rolling Lift Bridge Company, copyright 1904.

KEY TO PHOTOGRAPHS
 NEW YORK, NEW HAVEN & HARTFORD RAILROAD
 FORT POINT CHANNEL ROLLING LIFT BRIDGE
 HAER No. MA-35 (Page 8)



HISTORIC AMERICAN ENGINEERING RECORD

INDEX TO PHOTOGRAPHS

HAER
MASS.
13-BOST.
82-

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POINT CHANNEL ROLLING LIFT BRIDGE
(SCHERZER ROLLING LIFT BRIDGE)
Spanning Fort Point Channel
Boston
Suffolk County
Massachusetts

HAER No. MA-35

MA-35-1 through MD-35-8 were transmitted to the Library of Congress.

INDEX TO COLOR TRANSPARENCIES

All color xeroxes were made from a duplicate color transparency.

Jack Boucher, Photographer, April 1977

MA-35-~~8~~ (CT)
47

GENERAL VIEW LOOKING WEST SHOWING LIFT BRIDGE. COUNTER WEIGHTS ARE
LARGE SQUARES VISIBLE ABOVE BRIDGE